FEI | Faith Engineering, Inc.

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November 21, 2001

Mr. Nolan Bennett
Environmental Health Scientist
Bernalillo County Environmental Health Department
600 Second St. NW, Suite 500
Albuquerque, NM 87102

Sent via E-Mail: nbennett@bernco.gov and US Mail

RE: Transmittal of 4th Quarterly Ground Water Sampling Results
3031 Isleta SW, The Lee & Blakely Site; NMED/USTB Facility ID No. 11475001/29071
Contract Control No. 980473
FEI Project No. 98-01-1175-05

Dear Nolan:

Please find included herewith the report for the fourth quarter of ground water sampling and analysis for the subject site. Sampling was conducted on September 6, 2001.

During this fourth quarterly ground water monitoring and sampling activity, all ground water monitoring wells were sampled and submitted to Pinnacle Laboratories for analysis. Naphthalene plus mono-methyl naphthalenes concentrations above the NMWQCC standard of 30 µg/l were found in two monitor wells, MW-1 (104 µg/l) and MW-3 (380 µg/l). Benzene concentrations above the NMWQCC standard of 10 µg/l were detected in MW-1 (880 µg/l), MW-3 (12 µg/l) and MW-7 (140 µg/l). Ethyl-benzene concentrations above the NMWQCC standard of 750 µg/l were found in well MW-3 (800 µg/l). Laboratory results obtained during this fourth quarter sampling event indicate hydrocarbon concentrations have decreased in MW-1, MW-2, MW-3, and MW-7 since the initial sampling conducted during the Site Investigation. However, concentrations of BTEX and naphthalenes have increased in wells MW-1, MW-3, and MW-7 since the prior ground water sampling event. No free product was observed at the site during the September sampling event.

Please do not hesitate to contact the undersigned if you have any questions or comments regarding this matter.

Respectfully submitted,

TECUMSEH PROFESSIONAL ASSOCIATES, INC.

William J. Brown, C.S. #077
Senior Hydrogeologist

FAITH ENGINEERING, INC.

Stuart E. Faith, P.E., C.S. #080
President

cc. w/ encls. Mr. Tom Leck – NMED/USTB

FEI FILE NUMBER 98-01-1175-05

FOURTH QUARTERLY SAMPLING REPORT
LEE & BLAKELY FEEDSTORE
3031 ISLETA BLVD. SW
ALBUQUERQUE, NEW MEXICO
FACILITY #11475001/29071

PREPARED BY:

FAITH ENGINEERING, INC.
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TECUMSEH PROFESSIONAL ASSOCIATES, INC.
5600 WYOMING NE, SUITE 150
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(505) 293-1156 • FAX (505) 293-1971

NOVEMBER 21, 2001

PREPARED FOR:

THE BERNALILLO COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
AND
THE NEW MEXICO ENVIRONMENT DEPARTMENT
UNDERGROUND STORAGE TANK BUREAU

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COVER PAGE
FORM 1216
QUARTERLY MONITORING REPORT

Please include the following information:

1. **Site name:** Lee & Blakely (Brown's Discount Food Store)
2. **Responsible party:** Mr. Nolan Bennett
3. **Responsible party mailing address** (list contact person if different):

   Bernalillo County Environmental Health Dept.

   600 2nd Street NW, Suite 500

   Albuquerque, NM 87102
4. **Facility number:** 11475001/29071
5. **Address/legal description:** 3031 Isleta Blvd. SW

   Albuquerque, NM
6. **Author/consulting company:** Tecumseh Professional Associates, Inc.
7. **Date of report:** 11/21/2001
8. **Date of confirmation of release or date USTB was notified of the release:**

   March 1998

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature:_____

Name: William J. Brown

Affiliation: Tecumseh Professional Associates, Inc.

Title: Senior Hydrogeologist

Certified Scientist #: 077

Date:_____

I. INTRODUCTION:

I. A. Scope of Work

Faith Engineering, Inc. (FEI), in collaboration with Tecumseh Professional Associates, Inc. (TPA), has been retained by the Bernalillo County Environmental Health Department to provide professional environmental services at the Lee & Blakely site, 3031 Isleta SW, Albuquerque, New Mexico (the Site). The location of the Site is shown on Figure 1. This report documents the fourth quarter of ground water sampling conducted at the site on September 6, 2001. The period covered in this report is from May to September 2001.

I. B. This quarter's highlights

This sampling event represents the fourth quarter of ground water quality re-examination as outlined in the work plan approval letter dated November 17, 2000. The sampling event provides the sample results with field testing of all 8 ground water monitoring wells.

II. ACTIVITIES PERFORMED DURING THIS QUARTER:

II. A. Brief description of the remediation system and date installed

There is no remediation system installed at this Site.

II. B. Description of activities performed to keep system operating properly

Not Applicable, See II. A.

II. C. Monitoring activities performed

Ground water monitoring and sampling at the Site during this quarter took place on September 6, 2001. This quarter's sampling included the following:

- ground water elevation measurements in all wells.
- ground water sampling of monitor wells MW-1, MW-1D, MW-2, MW-3, MW-4, MW-5, MW-6 and MW-7.
- laboratory analysis of ground water samples for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX), Methyl-t-Butyl Ether (MTBE), Tri-Methyl Benzenes (TMBs), Ethylene Dibromide (EDB), Ethylene Dichloride (EDC), and Naphthalene plus Mono-Methyl Naphthalenes by EPA Method 8260. Naphthalenes and Mono-Methyl Naphthalenes were verified using EPA Method 8270 SIMS.
- field testing for natural attenuation indicators of ground water samples, including iron, phosphate, nitrate, sulfide, alkalinity, pH, dissolved oxygen, conductivity and temperature.

The locations of all monitor wells are shown on Figure 1. Monitoring and sampling procedures are described in Appendix 1. Table 4 provides a historical summary of field activities at the site and Appendix 2 contains this quarter's original field notes. The laboratory results of the ground water analyses for the current monitoring period are shown on Table 1. Historic sampling results are shown on Table 2. Laboratory reports and the Chain of Custody Form are provided in Appendix 3.

Naphthalene plus mono-methyl naphthalenes concentrations above the combined NMWQCC standard of 30 µg/l were found in two monitor wells, MW-1 (104 µg/l) and MW-3 (380 µg/l). Benzene concentrations above the NMWQCC standard of 10 µg/l were detected in MW-1 (880 µg/l), MW-3 (12µg/l) and MW-7 (140 µg/l). Ethyl-benzene concentrations above the NMWQCC standard of 750 µg/l were found in well MW-3 (800 µg/l). A benzene isocontour map with combined groundwater quality data is presented in Figure 1.

Depth to ground water varied from 5.91 feet below ground surface (bgs) in MW-5 to 6.55 feet bgs in MW-1 and MW-1D. All ground water elevation data including the historical data is summarized in Table 3. This quarter's measurements of on-site ground water elevations indicate a ground water flow direction to the southwest at a gradient of approximately 0.001 feet/foot. A water level summary map for the fourth quarter ground water measurements is shown on Figure 2.

II. D. System performance and effectiveness

Not Applicable, See II. A.

II. E. Statement verifying containment of release

Based on ground water sample results from site perimeter monitor wells and a comparison with the previous sampling results, indications are that ground water contaminants appear to presently be contained on-site with one exception. No water quality data is available south and down-gradient of well MW-7 due to site access restrictions. Therefore, the southerly extent of the dissolved phase ground water plume cannot be determined. Please refer to Figure 1.

III. SUMMARY AND CONCLUSIONS:

III. A. Discussion of trends or changes noted in analytical results or site conditions

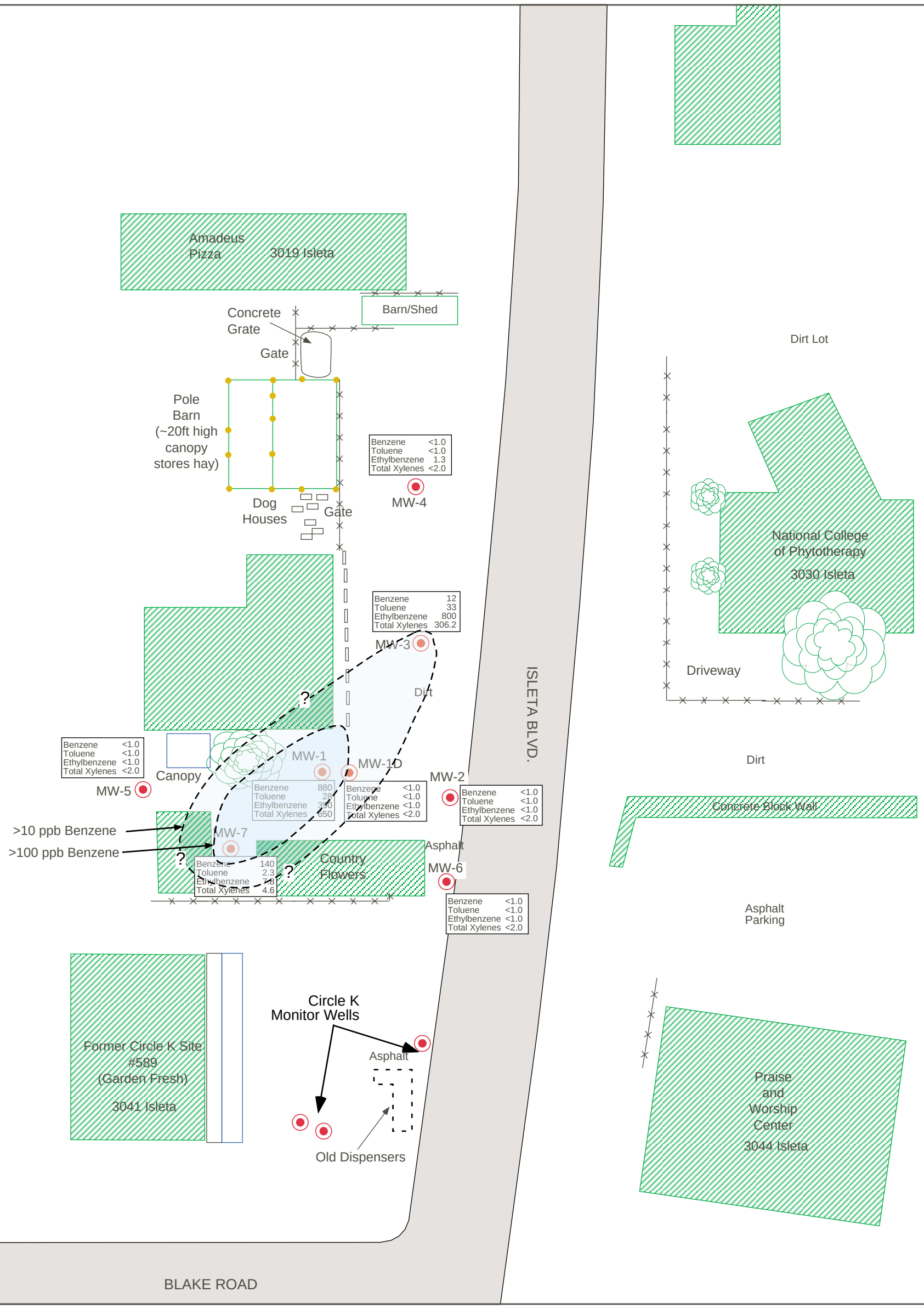
There has not been enough sampling conducted at the site to establish definite trends. However, laboratory results obtained during this third quarter sampling event indicate overall hydrocarbon concentrations have decreased in MW-1, MW-2, MW-3, and MW-7 since the initial sampling conducted during the Site Investigation on 2/21/95 and 6/09/95. However, increases in select compounds were measured in wells MW-1, MW-3, and MW-7 since the prior sampling event.

III. B. Ongoing assessment of the remediation system

Not Applicable, See II. A.

III. C. Recommendations

FEI/TPA is currently conducting a Tier Ⅱ Risk Based Decision Making (RBDM) evaluation for the site to determine whether contaminant levels exceed calculated site-specific threshold limits (SSTLs). FEI/TPA will make recommendations for the site following the completion of the Tier II process.



LEGEND

- Monitor Well Location
- Utility Pole
- Building
- Concrete
- Fence Line
- Trees/Vegetation

0 20 40 ft
Scale

N

BTEX Concentration Levels and Benzene Plume

Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<2.0

10-100 ppb
100-1000 ppb

Lee & Blakely Discount Feed Store
3031 Isleta Blvd. SW
Albuquerque, New Mexico

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ph: (505) 293-1156 fax: (505) 293-1971

Subject: Site Map with BTEX Concentration Levels - 9-6-01

Drawn by: KGF/WJB/CLS	Client: BCEHD	
Date : November 2001	Figure 1	Project: 99-01-1175

Amadeus Pizza
3019 Isleta

Barn/Shed

Concrete Grate

Gate

Pole Barn (~20ft high canopy stores hay)

Dog Houses

Gate

MW-4
4,924.66

MW-3
4,924.60

MW-1
4,924.55

MW-1D
4,924.55

MW-2
4,924.58

MW-5
4,924.49

MW-7
4,924.51

MW-6
4,924.55

4,924.66
4,924.62
4,924.58
4,924.54
4,924.50

Canopy

Dirt

Asphalt

Country Flowers

ISLETA BLVD.

Dirt Lot

National College of Phytotherapy
3030 Isleta

Driveway

Dirt

Concrete Block Wall

Asphalt Parking

Former Circle K Site
#589
(Garden Fresh)
3041 Isleta

Circle K Monitor Wells

Asphalt

Old Dispensers

Praise and Worship Center
3044 Isleta

BLAKE ROAD

LEGEND

- Monitor Well Location
- Utility Pole
- Building
- Concrete
- Fence Line
- Trees/Vegetation

0 20 40 ft
Scale

N

Measured Groundwater Elevation (in feet above MSL)
W-16
4,924.55

Inferred Direction of Groundwater Flow (assumes all wells screened in same aquifer

Calculated Potentiometric Surface (in feet above MSL) 4,924.54

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Subject:	Ground Water Potentiometric Surface Map - 09/06/01	
Drawn by: KGF/WJB/CLS	Client: BCEHD	
Date : November 2001	Figure 2	Project: 99-01-1175

TABLE 1
Lee Blakely 3031 Isleta
00-01-1175-05 • NMED FACILITY #11475001
CURRENT GROUND WATER ANNALYSIS RESULTS

		ORGANICS									INORGANICS						INDICATORS		
LOCATION	**DATE SAMPLED**	**Benzene**	**Toluene**	**Ethylbenzene**	**Total Xylenes**	**MTBE**	**EDB**	**EDC**	**TMB**	**NAPHTHALENES**	**IRON**	**PHOSPHATE**	**SULFIDE**	**ALKALINITY as CaCO.**	**DISS O2**	**NITRATE**	**pH**	**CONDUCTIVITY**	**TEMP**
UNITS		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		µmhos/cm	˚C
STANDARDS		**10**	**750**	**750**	**620**	**100**	**0.1**	**10**		**30**	TOTAL								
MW-1	9/6/01	**880**	28	390	**650**	< 1.0	< 1.0	< 1.0	50	**104**	**3.0**	1.0	< 1.0	200	0.06	1.0	7.94	756	24.1
MW-1D	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	**2.5**	1.5	< 1.0	125	0.04	1.0	7.96	760	23.3
MW-2	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	**2.0**	4.0	< 1.0	200	0.03	1.0	7.93	789	26.3
MW-3	9/6/01	**12**	33	**800**	306.2	< 1.0	< 1.0	< 1.0	20.3	**380**	**1.5**	2.0	< 1.0	180	0.03	1.0	7.84	880	25.5
MW-4	9/6/01	< 1.0	< 1.0	1.3	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	**1.5**	1.5	< 1.0	150	0.05	1.5	7.81	764	25.3
MW-5	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	**2.5**	4.5	< 1.0	125	0.03	1.0	7.89	1169	17.0
MW-6	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	**2.0**	3.0	< 1.0	180	0.04	1.5	7.91	835	26.0
MW-7	9/6/01	**140**	2.3	7.8	4.6	< 1.0	< 1.0	< 1.0	< 2.0	30	**1.0**	2.0	< 1.0	150	0.03	1.5	7.99	911	23.5
TRIP BLANK	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0									

Bold - Above Action Limits

* Combined Naphthalenes plus Mono-Methyl Naphthalenes

Data checked _____ / _____

TPA
11/21/01

TABLE 2
Lee Blakely 3031 Isleta
00-01-1175-05 • NMED FACILITY #11475001
HISTORY OF GROUND WATER TESTING

		ORGANICS											INORGANICS							INDICATORS		
LOCATION	DATE SAMPLED	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	MTBE	EDB	EDC	TMB	NAPHTHALENE	2-METHYL NAPHTHALENE	1-METHYL NAPHTHALENE	IRON		PHOSPHATE	SULFIDE	ALKALINITY as CaCO.	DISS O2	NITRATE	pH	CONDUCTIVITY	TEMP
UNITS		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l		µmhos/cm	˚C
STANDARDS		10	750	750	620	100	0.1	10		TOTAL: 30			SOLUBLE	TOTAL								
MW - 1	2/21/95	**1400**	40	470	**1518**	< 10	< 0.01	< 10	*	**55.6**	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	**540**	30	310	542	< 10	< 10	< 10	54	**150**	*	*	0.6	**1.0**	1.5	0.1	300	1.0	0.1	7.3	971	26.5
	1/24/01	**600**	20	210	< 400	< 10	< 10	**< 10**	46	**47**	**< 50**	**< 50**	0.8	**1.0**	0.2	1.0	200	0.0	1.0	6.97	904	14.2
	4/20/01	**580**	27	220	310	< 10	< 10	< 10	43	**33**	*	*	*	0.4	3.0	0.3	250	0.0	1.0	6.86	931	17.8
	9/6/01	**880**	28	390	**650**	< 1.0	< 1.0	< 1.0	50	**68**	**20**	**16**	*	**3.0**	1.0	< 1.0	200	0.06	1.0	7.94	756	24.1
MW - 1D	6/9/95	2.0	9.6	100	77.2	< 1.0	< 0.01	< 1.0	20.2	**33**	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*	0.6	0.6	0.4	0.0	200	1.0	0.3	7.3	789	24.0
	1/24/01	1.4	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0	0.4	0.6	0.1	0.0	165	0.0	0.4	7.03	744	16.2
	4/20/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*	*	**1.0**	3.0	6.5	150	0.0	1.0	6.85	760	17.8
	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	*	**2.5**	1.5	< 1.0	125	0.04	1	7.96	760	23.3
MW - 2	2/21/95	**16**	< 1.0	3.2	4.1	< 1.0	< 1.0	< 1.0	*	< 0.1	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	**44**	< 1.0	1.5	<43	< 1.0	< 1.0	< 1.0	< 2.0	1.6	*	*	0.4	0.4	2.5	0.0	275	0.5	0.2	7.1	749	27.0
	1/23/97	**27**	< 1.0	< 1.0	< 81	< 1.0	< 1.0	< 1.0	17.3	4.3	< 5.0	< 5.0	0.6	0.8	2.0	0.0	250	0.0	0.2	7.04	846	14.3
	4/20/01	< 1.0	< 1.0	1.3	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*	*	0.6	5.0	6.0	225	0.5	0.6	6.91	861	17.9
	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	*	**2.0**	4.0	< 1.0	200	0.03	1.0	7.93	789	26.3
MW - 3	2/21/95	6.1	58	**750**	**1107**	< 2.0	< 2.0	< 2.0	*	< 0.1	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	< 10	35	450	<310	< 10	< 10	< 10	< 2.00	**200**	*	*	0.1	0.1	1.5	0.3	290	0.5	0.1	6.9	940	27.2
	1/23/97	< 5.0	39	500	< 285	< 5.0	< 5.0	< 5.0	36.2	**140**	**54**	**43**	0.2	0.4	3.0	0.8	185	0.0	0.6	6.81	919	15.0
	4/20/01	< 1.0	26	410	223.7	< 1.0	< 1.0	< 1.0	33.2	**110**	*	*	*	0.2	3.0	10.0	200	0.0	1.0	6.83	760	17.8
	9/6/01	12	33	**800**	306.2	< 1.0	< 1.0	< 1.0	20.3	**270**	**70**	**40**	*	**1.5**	2.0	< 1.0	180	0.03	1.0	7.84	880	25.5
MW - 4	2/21/95	< 1.0	< 1.0	3	4.3	< 1.0	< 1.0	< 1.0	*	0.3	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	< 1.0	< 1.0	1.6	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*	0.3	0.4	1.5	0.0	225	1.0	0.1	7.0	818	27.1
	1/23/97	< 1.0	< 1.0	1.3	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0	0.3	**1.0**	0.8	0.0	200	0.5	1.0	6.70	857	15.0
	4/20/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*	*	0.6	5.0	0.0	175	0.5	1.5	6.73	752	17.5
	9/6/01	< 1.0	< 1.0	1.3	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	*	**1.5**	1.5	< 1.0	150	0.05	1.5	7.81	764	25.3

TABLE 2
Lee Blakely 3031 Isleta
00-01-1175-05 • NMED FACILITY #11475001
HISTORY OF GROUND WATER TESTING

		ORGANICS											INORGANICS							INDICATORS		
LOCATION	**DATE SAMPLED**	**BENZENE**	**TOLUENE**	**ETHYL BENZENE**	**TOTAL XYLENES**	**MTBE**	**EDB**	**EDC**	**TMB**	**NAPHTHALENE**	**2-METHYL NAPHTHALENE**	**1-METHYL NAPHTHALENE**	**IRON**		**PHOSPHATE**	**SULFIDE**	**ALKALINITY as CaCO.**	**DISS O2**	**NITRATE**	**pH**	**CONDUCTIVITY**	**TEMP**
UNITS		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l		µmhos/cm	˚C
STANDARDS		**10**	**750**	**750**	**620**	**100**	**0.1**	**10**		**TOTAL: 30**			**SOLUBLE**	**TOTAL**								
MW - 5	6/9/95	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.01	< 1.0	< 2.0	< 1.0	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*	2.0	**6.0**	4.0	0.0	275	0.5	0.4	6.7	1196	22.7
	1/23/97	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0	0.6	**2.0**	1.0	0.3	295	0.5	0.4	6.86	1102	12.8
	4/20/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*	*	**5.0**	3.0	9.0	150	0.5	0.2	6.82	909	17.0
	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	*	**2.5**	4.5	< 1.0	125	0.03	1.0	7.89	1169	17.0
MW - 6	6/9/95	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 0.01	< 1.0	< 2.0	< 1.0	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	1.5	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	<1.0	*	*	0.4	0.6	3.0	0.0	225	0.5	0.3	6.8	808	26.3
	1/23/97	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0	0.2	0.3	1.0	0.0	250	1.0	1.0	6.94	920	13.4
	4/20/01	1.7	< 1.0	2.5	< 3.0	< 1.0	< 1.0	< 1.0	< 2.0	1.0	*	*	*	0.3	2.0	8.0	200	0.5	1.0	6.87	845	17.7
	9/6/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	*	**2.0**	3.0	< 1.0	180	0.04	1.5	7.91	835	26.0
MW - 7	6/9/95	**270**	3.3	17	160	< 1.0	< 0.01	< 1.0	8.4	**81**	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/96	**90**	1.1	12	<7.1	< 1.0	< 1.0	< 1.0	< 2.0	**33**	*	*	0.1	0.2	1.0	0.0	275	0.5	0.2	7.2	948	24.3
	1/23/97	**87**	2.0	6.8	< 7.2	< 1.0	< 1.0	< 1.0	< 2.0	**24**	**8.2**	**5.0**	0.2	**1.0**	0.8	0.2	275	0.5	1.0	7.02	934	14.1
	4/20/01	**67**	< 5.0	10	< 21.0	< 5.0	< 5.0	< 5.0	< 12.9	18	*	*	*	0.2	4.0	9.0	200	0.0	0.4	6.88	949	16.5
	9/6/01	**140**	2.3	7.8	4.6	< 1.0	< 1.0	< 1.0	< 2.0	30	< 5.0	< 5.0	*	**1.0**	2.0	< 1.0	150	0.03	1.5	7.99	911	23.5

* - Not Sampled/Not Tested
Bold - Above Action Limits

Data checked _____ / _____

TABLE 3
Lee Blakely 3031 Isleta
00-01-1175-05 • NMED FACILITY #11475001
SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS

WELL NUMBER	ELEVATION (feet above datum)	DATE	TOTAL DEPTH	STATIC (feet BG)	WATER LEVEL (feet AD)	(+) = RISING (-) = FALLING
MW-1	4931.20	2/22/99	12.48	6.84	4924.36	
		9/3/99		6.26	4924.94	0.58
		9/13/00		6.50	4924.70	-0.24
		1/24/01		6.52	4924.68	-0.02
	4931.10	4/20/01		6.33	4924.77	0.09
		9/6/01		6.55	4924.55	-0.22
MW-1D	4931.05	6/11/99	17.46	6.35	4924.70	
		9/3/99		6.11	4924.94	0.24
		9/13/00		6.34	4924.71	-0.23
		1/24/01		6.38	4924.67	-0.04
	4930.95	4/20/01		6.18	4924.77	0.10
		9/6/01		6.40	4924.55	-0.22
MW-2	4931.21	2/22/99	12.65	6.84	4924.37	
		9/3/99		6.25	4924.96	0.59
		9/13/00		6.46	4924.75	-0.21
		1/24/01		6.51	4924.70	-0.05
	4931.10	4/20/01		6.32	4924.78	0.08
		9/6/01		6.52	4924.58	-0.20
MW-3	4930.77	2/22/99	12.18	6.35	4924.42	
		9/3/99		5.78	4924.99	0.57
		9/13/00		6.00	4924.77	-0.22
		1/24/01		6.05	4924.72	-0.05
	4930.67	4/20/01		5.83	4924.84	0.12
		9/6/01		6.07	4924.60	-0.24
MW-4	4930.97	2/22/99	12.78	6.51	4924.46	
		9/3/99		5.95	4925.02	0.56
		9/13/00		6.17	4924.80	-0.22
		1/24/01		6.23	4924.74	-0.06
	4930.90	4/20/01		6.01	4924.89	0.15
		9/6/01		6.24	4924.66	-0.23

TABLE 3
Lee Blakely 3031 Isleta
00-01-1175-05 • NMED FACILITY #11475001
SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS

WELL NUMBER	ELEVATION (feet above datum)	DATE	TOTAL DEPTH	STATIC (feet BG)	WATER LEVEL (feet AD)	(+) = RISING (-) = FALLING
MW-5	4930.49	6/11/99	11.88	5.94	4924.55	
		9/3/99		5.69	4924.80	0.25
		9/13/00		5.87	4924.62	-0.18
		1/24/01		5.86	4924.63	0.01
	4930.40	4/20/01		5.65	4924.75	0.12
		9/6/01		5.91	4924.49	-0.26
MW-6	4930.97	6/11/99	12.15	6.26	4924.23	
		9/3/99		6.04	4924.45	0.22
		9/13/00		6.25	4924.24	-0.21
		1/24/01		6.32	4924.17	-0.07
	4930.88	4/20/01		6.12	4924.76	0.11
		9/6/01		6.33	4924.55	-0.21
MW-7	4930.78	6/11/99	11.44	6.00	4924.97	
		9/3/99		5.89	4925.08	0.11
		9/13/00		6.14	4924.83	-0.25
		1/24/01		6.14	4924.83	0.00
	4930.70	4/20/01		5.94	4924.76	0.12
		9/6/01		6.19	4924.51	-0.25

Data checked _____ / _____

Table 4
Lee Blakely 3031 Isleta
00-01-1175-05 • NMED Facility # 11475001
Summary of Tasks Performed in the Field

DATE	FIELD TECH.	DESCRIPTION
2/11/99 - 2/12/99	BB/AB	Drilling and Soil Borings Taken.
2/22/99	KGF	Sampling of MW-1, MW-2, MW-3 and MW-4. Obtained GW levels.
5/27/99	AB	Further Drilling and Soil Borings Taken.
6/10/99	KGF	Sampling of MW-5, MW-6, MW-7, MW-1D(new).
7/23/99	CB, CF	Headspace sampling.
8/6/99	KGF, BC	Took Boring Samples for Soil Physical Properties.
9/3/99	KGF	Obtained all GW levels.
6/11/00	KGF	Obtained GW levels on new wells.
9/13/00	KGF, MB	Initial sampling round(1st Qtr)-all existing wells, site survey.
1/24/01	KGF, MB	2nd Quarterly sampling round, all wells.
4/20/01	KGF, MB	3rd Quarterly sampling round, all wells.
9/6/01	PJB	4th Quarterly sampling round, all wells.

Data checked _____ / _____

APPENDIX 1

Sampling Protocol

Prior to any sampling, the water level in each monitoring well was measured. Ground water elevations (from datum) were determined using new survey data collected in April 2001. Temperature, pH and conductivity measurements were taken during well purging to document well stabilization. At least three (3) well volumes were removed prior to collection of ground water samples using dedicated disposable bailers. Ground water samples were collected and stored in appropriate containers using the appropriate preservatives. Samples were collected using strict chain-of-custody procedures, stored on ice in a cooler, and hand-delivered to Pinnacle Laboratories in Albuquerque, New Mexico, for analyses. The ground water samples were analyzed for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), Naphthalene, Methyl-t-Butyl Ether (MTBE), Tri-Methyl Benzenes (TMBs), Ethylene Dibromide (EDB) and Ethylene Dichloride (EDC) by EPA Method 8260. Natural attenuation indicator parameters iron, phosphate, nitrate, sulfide, alkalinity, pH, dissolved oxygen, conductivity and temperature were analyzed and measured in the field using the appropriate field test kits and equipment.

APPENDIX 2

Field Notes

APPENDIX 3

Analytical Laboratory Reports